



### ABSTRACT

A spindle for a braiding machine includes a stem mounted on a base, a disc on the stem, and a reel of thread mounted on the step atop the disc. A thread guide is mounted on two columns adjacent the stem. A capsule mounted on the top of the columns includes a spring that biases the thread guide downward. The capsule includes an opening which is large enough such that the spring can be inserted into and removed from the opening in the capsule. A washer can be included between the base and the disc to reduce wear to the base and the disc. Also, a single piece reel head may be mounted on the top of a reel of thread.